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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/098,832	06/17/1998	JARI HAMALAINEN	442-008040-U	4557

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FAIRFIELD, CT 064306232

EXAMINER

PHAN, MAN U

ART UNIT	PAPER NUMBER
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2665

DATE MAILED: 01/06/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

**Advisory Action**Application No.  
**09/098,832**Applicant(s)  
**Hamalainen et al.**Examiner  
**Man Phan**Art Unit  
**2665**

– The MAILING DATE of this communication appears on the cover sheet with the correspondence address –

THE REPLY FILED Nov 18, 2001 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

Therefore, further action by the applicant is required to avoid the abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

THE PERIOD FOR REPLY [check only a) or b)]

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
- b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on \_\_\_\_\_. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☒ The proposed amendment(s) will not be entered because:
- (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);
- (b) ☐ they raise the issue of new matter (see NOTE below);
- (c) ☒ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
- (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE:

3. ☐ Applicant's reply has overcome the following rejection(s):

4. ☐ Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

5. ☒ The a) ☒ affidavit, b) ☒ exhibit, or c) ☒ request for reconsideration has been considered but does NOT place the application in condition for allowance because:  
See attached page

6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.

7. ☒ For purposes of Appeal, the proposed amendment(s) a) ☒ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: \_\_\_\_\_

Claim(s) objected to: \_\_\_\_\_

Claim(s) rejected: 1-6

Claim(s) withdrawn from consideration: \_\_\_\_\_

8. ☐ The proposed drawing correction filed on \_\_\_\_\_ is a) ☐ approved or b) ☐ disapproved by the Examiner.

9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_

10. ☐ Other: \_\_\_\_\_

*Advisory Action*

1. The affidavit, exhibit or request for reconsideration has been considered but does not place the application in condition for allowance because:

Applicant's arguments are not persuasive. It's the examiner's position that the references are applied herein merely for the teaching of the effectively and efficiently carrying out multislot capabilities and utilizing half duplex in TDMA radio system.

Persson (US#5,442,635) Persson (US#5,442,635) discloses a method for dividing a frame structure for a mobile telephone system which operates in *half-duplex*, i.e. in which the *transmission and reception of signals in a mobile takes place within mutually separate time-slots* (TS0 and TM0 respectively) (See Figs. 3, 4 and the Abstract). In the same field of endeavor, Ohta (US#5,878,277) discloses a communication system having at least two types of communication channels which has a central station and a plurality of terminal stations connected through a bi-directional communication path such that the terminals communicate with each other through the central station. In Ohta's system, a time slot allocated to a user represents one of a number of available carrier frequencies. The term "frame slot" as used herein is therefore intended to include, for example, both *time slots and frequency slots*. More generally, the slot allocation permutation of the present invention is then applied to the various TDM carrier time slots, in a manner similar to that described in Ohta's invention and can be implemented in a time division system.

One skilled in the art can readily adapt the teachings herein to implement a wide variety of

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different time division (TDMA), frequency division (FDMA) and code division systems (CDMA). Therefore, examiner maintains that the references cited and applied in the last office actions for the rejection of the claims 1-6 are maintained in this office action. The final rejection mailed on July 17, 2002 is therefore maintained.

Mphan.

11/23/2002

  
**WELLINGTON CHIN**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2600**